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(54) **MULTISTORIED AUTOMATIC TRUNK ROOM FACILITY**

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(57) Abstract:

PURPOSE: To secure safety for customers in the case of taking in and out cargoes in a multistoried automatic trunk room facility having an automatic warehouse by locking a crane in the automatic warehouse when doors of a container taken out into a picking room and an automatic door of the picking room are put in opening conditions.

CONSTITUTION: When a customer inserts ID into a card reader and the memorized number is inputted correctly, a container 3 is taken out into a picking room 2. Next, when an opening command switch is operated, an automatic door 10, which shuts out the taking in and out of cargoes, between the picking room 2 and a taken out container 3 opens. Then, the customer unlocks the container doors 9 so as to take in and out cargoes 9. At this time, a door detecting device 12 detects an opening condition of the doors 9 of the container 3, and also puts the automatic door 10 under an opening condition. According to this detected signal, a control device 8 locks an operation of a crane 7 in the automatic warehouse 1 so that safety for the customer can be

